



COUNTY OF SAN LUIS OBISPO DEPARTMENT OF GENERAL SERVICES

COUNTY GOVERNMENT CENTER • SAN LUIS OBISPO, CALIFORNIA 93408 • (805) 781-5200
DUANE P LEIB, DIRECTOR

REQUEST FOR PROPOSAL PS-#918 ENGINEERING FEASIBILITY STUDY FOR LOS OSOS LANDFILL

March 24, 2006

The County of San Luis Obispo is currently soliciting proposals for professional services for an Engineering Feasibility Study for Los Osos Landfill, Los Osos, California.

Each proposal shall specify each and every item as set forth in the attached specifications. Any and all exceptions must be clearly stated in the proposal. Failure to set forth any item in the specifications without taking exception may be grounds for rejection. The County of San Luis Obispo reserves the right to reject all proposals and to waive any informalities.

If your firm is interested and qualified, please submit five [5] copies of your proposal by close of business on April 28, 2006 to:

County of San Luis Obispo
Jack Markey, Central Services
1087 Santa Rosa Street
San Luis Obispo, CA 93408

The completion schedule for the feasibility study will proceed as follows:

1. Contract awarded and notice to proceed – six weeks from date of proposal submitted
2. Completion and submittal of draft report – sixty calendar days from receipt of notice to proceed
3. Review by County of San Luis Obispo and regulatory agencies – three weeks from receipt of draft report
4. Completion and submittal of final report – three weeks from receipt of edits

If you have any questions about the proposal process, please contact me. For technical questions and information contact Mike Marotto at (805) 781-5239.

Jack Markey-Central Services Division
Supervising Buyer
jmarkey@co.slo.ca.us

PROPOSAL SUBMITTAL AND SELECTION

1. All proposals, consisting of five (5) copies must be received by mail, recognized carrier, or hand delivered no later than close of business on April 28, 2006. Late proposals will not be considered.
2. All correspondence should be directed to:

San Luis Obispo County
Department of General Services
1087 Santa Rosa Street
San Luis Obispo, CA 93408
ATTENTION: Jack Markey
Telephone: (805) 781-5905
3. Costs of preparation of proposals will be borne by the proposer.
4. It is preferred that all proposals be submitted on recycled paper, printed on two sides.
5. Selection of qualified proposers will be by an approved County procedure for awarding professional contracts.
6. This request does not constitute an offer of employment or to contract for services.
7. The County reserves the option to reject any or all proposals, wholly or in part, received by reason of this request.
8. The County reserves the option to retain all proposals, whether selected or rejected.
9. All proposals shall remain firm for ninety, (90) days following closing date for receipt of proposals.
10. The County reserves the right to award the contract to the firm who presents the proposal which, in the judgment of the County, best accomplishes the desired results, and shall include, but not be limited to a consideration of the professional service fee.
11. Selection will be made on the basis of the proposals as submitted. The Selection Committee may deem it necessary to interview applicants. The County retains the right to interview applicants as part of the selection process.
12. The proceedings of the Selection Committee are confidential. Members of the Selection Committee are not to be contacted by the proposers. All communication between proposer and the County shall be through Mike Marotto.

PROPOSAL FORMAT

A qualifying proposal must address all of the following points (with assigned evaluation weight of proposal):

1. Project Title
2. Applicant or Firm Name
3. Firm Qualifications (60%)
 - a. Type of organization, size, professional registration and affiliations.
 - b. 20%: Names and qualifications of personnel to be assigned to this project.
 - c. 20%: Outline of recent projects completed that are directly related to this project. Consultant is required to demonstrate specific groundwater remediation and landfill engineering expertise relating to the requirements of the Project Scope.
 - d. 20%: Qualifications of consultants, subcontractors, or joint venture firm, if appropriate.
 - e. Client references from recent related projects, including name, address and phone number of individual to contact for referral.
4. Understanding of and Approach to the Project (40%)
 - a. 25%: Summary of approach to be taken.
 - b. 10%: Description of the organization and staffing to be used for the project.
 - c. 5%: Indication of information and participation the proposer will require from County staff.
 - d. Indication of time frame necessary to complete the work once a Notice to Proceed is issued.
5. Fees and Insurance
 - a. Propose total fixed fees to complete project as described under Project Scope.
 - b. The selected Consultant will be required to provide insurance coverage, as shown in Section nine of the attached consultant agreement. The amount of insurance coverage shall be reflected in your estimated professional fee.

Proposal Format
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- c. The Consultant shall provide within five (5) days after the Notice of Award is issued a certificate of liability insurance naming the County of San Luis Obispo and its employees and officers as additionally named insured. This shall be maintained in full force and effect for the duration of the contract and must be in an amount and format satisfactory to the County.
- d. The selected Consultant will need to identify the County as included in Section 24 of the attached Consultant Agreement.

6. Agreement for Engineering Consulting Services

Upon selection, the consultant must provide a completed Agreement for Engineering Consulting Services (see attached).

7. Scope of Work

The County of San Luis Obispo is soliciting proposals to conduct an engineering feasibility study to be performed during July-October of 2006 for a closed Class III Municipal Waste landfill, Los Osos Landfill, near the community of Los Osos, California. A location map is included as Figure 1. The study will address RWQCB concerns regarding the corrective action program being performed for groundwater clean-up. The site has been under Clean-Up or Abatement No. 95-66 (CAO), issued by the Central Coast Regional Water Quality Control Board, since 1995. The CAO mandates that the County bring the site's groundwater VOC concentrations into compliance.

VOC groundwater impacts are believed to be caused by either the dissolution in groundwater of landfill gas or leachate, both containing varying amounts of VOC's. Clean-up efforts (corrective action) may target removing VOC's at the source-landfill gas or leachate- or in the impacted medium-groundwater.

In response to the CAO, a cleanup effort has been performed at the site since September 1998. The current corrective action program at the Los Osos Landfill consists of landfill gas source control through the operation of a control system including landfill gas extraction and flaring.

The corrective action has been marginally effective at improving groundwater quality. Attached Figure 2 shows total VOC concentrations in groundwater monitoring wells vs. time before and after September 1998, the date of gas control system start-up. The RWQCB considers the present corrective action program unsatisfactory, as discussed in the letter, dated December 29, 2005, by Thea Tryon to Noel King, attached.

Understanding of Approach

The nature and extent of the release has been determined through extensive water quality monitoring and analysis of the groundwater both upgradient and downgradient

of the fill for the past 19 years. As Figure 2 shows, VOC's, in total concentration range of ND to 340 ug/l, have been detected in six of the 15 groundwater wells in the site's monitoring network.

Concentration levels have been detected at levels greater than background limits in groundwater wells within the point of compliance boundaries (Figure 3). Consultant is to perform an engineering feasibility study which will recommend a plan to improve groundwater quality to Board-approved levels, to be implemented in the near future, to bring the County's landfill operation in compliance. This may be accomplished by preparing an engineering feasibility study which:

1. Evaluates alternatives to take the landfill VOC groundwater cleanup to concentrations of background level or non-detect
2. Determines costs and benefits of various corrective action alternatives
3. Recommends a preferred plan

If the alternatives considered are not economically and/or technically viable, the consultant could recommend a course of action and justification for the background limits to be amended to a concentration limit greater than background (CLGBC), in accordance with California Code of Regulations Title 27, Section 20400.

Attached

- Figure 1: Site Location Map
- Figure 2: Total VOC concentrations in groundwater monitoring wells vs. time
- Figure 3: Los Osos Landfill groundwater monitoring network
- Letter from RWQCB dated December 29, 2005

Available upon request

- California RWQCB Order No. 94-64 Waste Discharge Requirements and Monitoring and Reporting Program for Los Osos Landfill (July 1994)
- Hydrogeologic Site Characterization (August 1994)
- California RWQCB Cleanup or Abatement Order No. 95-66 for Los Osos Landfill (August 1995)
- Technical Specifications for Landfill Gas Control System at Los Osos Landfill (June 1996)
- Semi-annual Groundwater Monitoring Reports (2000-2006)